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## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/050680

### A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04J14/02 H04B10/08 H04B10/17

According to International Patent Classification (IPC) or to both national classification and IPC

### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B H04J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

### C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/015199 A1 (WEISKE CLAUS-JORG ET AL) 7 February 2002 (2002-02-07)	1-6
Y	page 1, paragraph 10 - page 4, paragraph 28; figures 1,2	7,8
A		9-29
X	EP 0 959 578 A (FUJITSU LTD) 24 November 1999 (1999-11-24)	1
Y	column 3, paragraph 12 - column 8, paragraph 33; figures 3,11	7,8
A		2-6,9-29
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

#### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of the actual completion of the international search

26 August 2004

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Koch, B

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PRIGENT L ET AL: "8*2.5 GBIT/S TRANSMISSION IN A TRANSOCEANIC NETWORK" EUROPEAN CONFERENCE ON NETWORKS AND OPTICAL COMMUNICATIONS. NOC. BROADBAND SUPERHIGHWAY, XX, XX, 24 June 1996 (1996-06-24), pages 231-238, XP000789870 page 231 - page 232; figure 1	1-29

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 2002015199	A1	07-02-2002	DE	10024393 A1	29-11-2001
			EP	1156608 A2	21-11-2001
EP 0959578	A	24-11-1999	JP	11331127 A	30-11-1999
			EP	0959578 A2	24-11-1999
			US	6404523 B1	11-06-2002